

IN THE CLAIMS:

Please amend the claims as follows:

A marked up copy of each amended claim pursuant to 37 CFR § 1.121(c)(1)(ii) appears on the page immediately following the amended claim.

29. (Amended) A method of upgrading thermal management in a computer having a central processing unit and a fan disposed for providing cooling to said central processing unit; said method comprising:
- installing a thermal manager in a basic input output system (BIOS) of the computer; and
 - storing a thermal management algorithm in the BIOS computer, wherein the thermal manager is operable for monitoring a temperature of the central processing unit and for dynamically controlling a throttling of the central processing unit and the fan according to the thermal management algorithm, wherein the thermal management algorithm enables stabilization of the temperature of the central processing unit below a prescribed temperature threshold over a given duration of time.
30. (Amended) The method of claim 29, further comprising utilizing a basic input output system (BIOS) table for the thermal management algorithm, the BIOS table identifying specific cooling actions to be implemented as a function of the temperature of the central processing unit.
31. (Amended) The method of claim 29, further comprising utilizing a user setup routine for enabling a user to select a desired thermal management operation mode for dynamically controlling thermal management, the thermal operation

modes including one of the following selected from the group consisting of (a) OFF Mode, wherein the OFF Mode disables dynamic thermal management, (b) ON Mode, wherein the ON Mode enables dynamic thermal management, and (c) AUTO Mode, wherein the AUTO Mode enables and disables dynamic thermal management according to a prescribed computer operational characteristic.

32. (Amended) The method of claim 31, wherein the prescribed computer operational characteristic includes one of the following selected from the group consisting of AC power mode, AC power with battery present mode, AC power mode with battery present and charge mode, AC power with battery absent mode, DC power mode, and computer docked mode with AC power.